

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/005630

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷

G01N27/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷

G01N27/62 - 27/70, G01N33/48 - 33/98, H01J49/00 - 49/48

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
 Published unexamined utility model applications of Japan 1971-2005
 Registered utility model specifications of Japan 1996-2005
 Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI/L, JICST File (JOIS), Web of Science, ScienceDirect

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | <i>Takegawa</i> Y. Takezawa , et al., "Structural assignment of isomeric 2-aminopyridine-derivatized oligosaccharides using MSn spectral matching" Rapid Communications in Mass Spectrometry, Volume 18, Issue 4, 2004.02.29, Pages: 385-391 | 1, 3 |
| E, A | US 2004/0169138 A1 (Atsushi Ootake) 2004.09.02 *the whole document* | 1, 3 |
| A | WO 02/09144 A2 (MDS INC.) 2002.01.31 *the whole document* | 1, 3 |
| A | JP 2004-71420 A (HITACHI LTD.) 2004.03.04 *the whole document* | 1, 3 |

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

05.04.2005

Date of mailing of the international search report

19.4.2005

Name and mailing address of the ISA/JP

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|---|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| P, A | KAMEYAMA A, et al., "Rapid identification of oligosaccharide structures using a MS _n database toward glycomics" Seikagaku [ISSN: 0037-1017] Volume 76, Number 8, 2004.08.25, PAGE. 1027 (4P-169) | 1-13 |

INTERNATIONAL SEARCH REPORT
Information on patent family members

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|--------------------|------------|--|
| US 2004/0169138 A1 | 2004.09.02 | JP 2004-257922 A |
| WO 02/09144 A2 | 2002.01.31 | US 2002/0024010 A1 JP 2004-504622 A US 6720554 B2 CA 2415950 A1 |
| JP 2004-71420 A | 2004.03.04 | none |